

Amendment to the Claims

Claims 1-20. (Cancelled)

21. (Currently Amended) A portable radio communication apparatus comprising:

a housing containing a radio communication circuit;

a projection portion having a first end portion connected to said housing, a second end portion connected to said housing, and a central portion located between the first and second end portions, said projection portion configured to project from said housing at an obtuse angle thereto; ~~and~~

a grounding conductor arranged in said housing; and

an antenna element connected to the radio communication circuit through a feeding point above said grounding conductor~~which is arranged in said housing,~~

wherein at least one part of said antenna element is mounted in at least one of an inner part and a surface of said projection portion,

wherein an unbalanced antenna is formed by the antenna element and the grounding conductor, and

wherein, when said housing is supported on a flat surface, a surface of said housing opposes the flat surface and is floated from the flat surface by said projection portion so as to form the obtuse angle between said projection portion and the surface of said housing, thereby separating the ~~feeding point~~ grounding conductor of said antenna element from the flat surface, and suppressing any deterioration of antenna gain due to electromagnetic coupling of the ~~housing~~

grounding conductor with the flat surface.

22. **(Cancelled)**

23. **(Previously Presented)** The portable radio communication apparatus as claimed in claim 21, wherein the central portion of said projection portion extends in parallel to a width direction of said portable radio communication apparatus, and the first and second end portions are bent from opposite ends of the central portion, respectively.

24. **(Previously Presented)** The portable radio communication apparatus as claimed in claim 21, wherein said projection portion is shaped as an arch.

25. **(Previously Presented)** The portable radio communication apparatus as claimed in claim 21, wherein a thickness of each of said first and second end portions of said projection portion is larger than a thickness of the central portion of said projection portion.

26. **(Previously Presented)** The portable radio communication apparatus as claimed in claim 21, wherein a width of each of the first and second end portions of said projection portion is larger than a width of the central portion of said projection portion.

27. **(Previously Presented)** The portable radio communication apparatus as claimed in claim 21,

wherein said projection portion is detachably connected to said housing.

28. **(Previously Presented)** The portable radio communication apparatus as claimed in claim 21, wherein said projection portion is made of a dielectric.

29. **(Previously Presented)** The portable radio communication apparatus as claimed in claim 28, wherein said projection portion is made of a dielectric which is an elastic resin material.

30. **(Previously Presented)** The portable radio communication apparatus as claimed in claim 21, wherein said projection portion is made of a conductor material.

31. **(Previously Presented)** A portable radio communication apparatus comprising:

- a housing containing a radio communication circuit;

- a projection portion having a first end portion connected to said housing, a second end portion connected to said housing, and a central portion located between the first and second end portions,

- wherein said projection portion projects from an end surface of said housing so as to be inclined away from a first surface of said housing which is different from the end surface of said housing;

- an antenna element connected to said radio communication circuit, wherein at least a part of said antenna element is disposed in a part of said projection portion, and

a reinforcement member between said projection portion and said housing, wherein at least one part of an antenna element is provided in said reinforcement member.

32. **(Previously Presented)** A portable radio communication apparatus comprising:

a housing containing a radio communication circuit;

a projection portion having a first end portion connected to said housing, a second end portion connected to said housing, and a central portion located between the first and second end portions,

wherein said projection portion projects from an end surface of said housing so as to be inclined away from a first surface of said housing which is different from the end surface of said housing;

an antenna element connected to said radio communication circuit, wherein at least a part of said antenna element is disposed in a part of said projection portion, and

a parasitic element, wherein at least one part of said parasitic element is provided on one of an interior and an exterior part of said projection portion.

33. **(Previously Presented)** The portable radio communication apparatus as claimed in claim 32, wherein said parasitic element is disposed outwardly of said antenna element.

34. **(Previously Presented)** The portable radio communication apparatus as claimed in claim 32, wherein said parasitic element is disposed inwardly of said antenna element.

35. **(Previously Presented)** The portable radio communication apparatus as claimed in claim 31, wherein said antenna element includes a helical conductor.

36. **(Previously Presented)** The portable radio communication apparatus as claimed in claim 31, wherein said antenna element includes a meander conductor.

37. **(Previously Presented)** The portable radio communication apparatus as claimed in claim 34, wherein said meander conductor is formed so as to be bent three-dimensionally.

38. **(Previously Presented)** The portable radio communication apparatus as claimed in claim 21, wherein said projection portion is a boom portion.

39. **(Previously Presented)** The portable radio communication apparatus as claimed in claim 21, wherein said projection portion is made of a member that is formed separately from said housing.

40. **(Previously Presented)** The portable radio communication apparatus as claimed in claim 21, wherein, when said housing is supported on a flat surface by the central part of the projection portion and an end portion of said housing, a surface of said housing opposes the flat surface and is separated from the flat surface by said projection portion, thereby separating the feeding point of said antenna element from the flat surface.